

Application No.: 10/721,154

Docket No.: JVLA10379

AMENDMENTIn The Claims:

Please amend the following claims:

Claim 1 (currently amended) A digital cellular phone system having comprising a base station, the digital cellular phone comprising a first user a first cellular phone and a second cellular phone, both of the first cellular phone and the second cellular phone belonging to a certain group,

a first user, wherein when the first cellular phone is operating, the digital cellular phone system process the steps of:

the first cellular phone registering the digital cellular phone system and keeping contact with the base station, the first user belonged to a group;

the first [[user]] cellular phone registering an entry notice function to the digital cellular phone system; and

the base station informing the first [[user]] cellular phone when [[a]] the second [[user]] cellular phone belonged to the group registers the digital cellular phone system and keeps contact with the base station[[.]];

informing the second cellular phone to switch to a wireless system for getting in contact with the first cellular phone thereby,

wherein the first cellular phone has an identification function of the base station serving for identifying when the second user registers the wireless system, the identification function

Application No.: 10/721,154

Docket No.: JVLA10379

comprising inputting a password by the second user and/or identifying a subscriber identity module of the second cellular phone.

Claims 2-5 (canceled)

Claim 6 (currently amended) The digital cellular phone system of claim 1, wherein the first [[user]] cellular phone is informed when the second cellular phone registers by a short message service (SMS).

Claim 7 (currently amended) The digital cellular phone system of claim 1, wherein the digital cellular phone system informs the first [[user]] cellular phone about location information of the second [[user]] cellular phone.

Claim 8 (currently amended) The digital cellular phone system of claim 7, wherein when the first [[user]] cellular phone is informed about the registration and location information of the second [[user]] cellular phone, the second [[user]] cellular phone is then informed switching to switch to a wireless system, [[and]] the wireless system and the location information of the second [[user]] cellular phone [[serve]] serving a contact between the first and the second [[user]] cellular phones.

Claim 9 (canceled)

Application No.: 10/721,154

Docket No.: JVLA10379

Claim 10 (currently amended) The digital cellular phone system of claim [[9]] 1, wherein the first cellular phone adjusts a transmission power of the wireless system by the location information of the second [[user]] cellular phone.

Claim 11 (currently amended) The digital cellular phone system of claim 1, ~~wherein the digital cellular phone system sets~~ setting the group of the first user as a group of registration entry notice function when the first [[user]] cellular phone registers the entry notice function.

Claim 12 (currently amended) The digital cellular phone system of claim 1, ~~wherein the digital cellular phone system modifies~~ modifying a parameter of the entry notice function of the group therein when the first [[user]] cellular phone registers the entry notice function.

Claim 13 (currently amended) A digital cellular phone system ~~having comprising~~ a first base station, [[and]] a second base station near thereto, ~~the digital cellular phone system comprising:~~ a first cellular phone and a second cellular phone, both of the first cellular phone and the second cellular phone belonging to a certain group,

a first user, wherein when the first cellular phone is operating, the digital cellular phone system process the steps of:

the first cellular phone registering the digital cellular phone system and keeping contact with the base station, the first user ~~belonged to a group;~~

the first [[user]] cellular phone registering an entry notice function to the digital cellular phone system; and

Application No.: 10/721,154

Docket No.: JVLA10379

the base station informing the first [[user]] cellular phone when [[a]] the second [[user]] cellular phone belonged to the group registers the digital cellular phone system and keeps contact with the base station[[.]];

the first cellular phone being informed that the second user has registered to the second base station near to the first base station, the second user is informed to switch to a wireless system for getting in contact with the first cellular phone thereby,

wherein the first cellular phone has an identification function of the base station serving for identifying when the second user registers the wireless system, the identification function comprising inputting a password by the second user and/or identifying a subscriber identity module of the second cellular phone.

Claims 14-17 (canceled)

Claim 18 (currently amended) The digital cellular phone system of claim 13, wherein the first [[user]] cellular phone is informed by a short message service (SMS).

Claim 19 (currently amended) The digital cellular phone system of claim 13, wherein the digital cellular phone system informs the first [[user]] cellular phone location information of the second [[user]] cellular phone.

Claim 20 (currently amended) The digital cellular phone system of claim 19, wherein when the first [[user]] cellular phone is informed the registration and location information of the second [[user]] cellular phone, the second [[user]] cellular phone is then informed switching to

Application No.: 10/721,154

Docket No.: JVLA10379

switch to a wireless system, [[and]] the wireless system and the location information of the second [[user]] cellular phone [[serve]] serving a contact between the first and the second [[users]] cellular phones.

Claim 21 (canceled)

Claim 22 (currently amended) The digital cellular phone system of claim [[21]] 13, wherein the first cellular phone adjusts a transmission power of the wireless system by the location information of the second [[user]] cellular phone.

Claim 23 (currently amended) The digital cellular phone system of claim 13, ~~wherein the digital cellular phone system sets~~ setting the group of the first user as a group of registration entry notice function when the first [[user]] cellular phone registers the entry notice function.

Claim 24 (currently amended) The digital cellular phone system of claim 13, ~~wherein the digital cellular phone system modifies~~ modifying a parameter of the entry notice function of the group therein when the first [[user]] cellular phone registers the entry notice function.

Claim 25 (currently amended) A first cellular phone comprised of a digital cellular phone system and adapted to register a ~~for registering an~~ entry notice function [[of a]] to the digital cellular phone system, the digital cellular phone system having further comprising a base station, and a second cellular phone, the first cellular phone and the second cellular phone belonging to a certain group, wherein when the second cellular phone registering registers the digital cellular

Application No.: 10/721,154

Docket No.: JVLA10379

phone system and keeping keeps contact with the base station, a first user the base station informs the first cellular phone that has registered the entry notice function to [[of]] the cellular phone system belonged to a group, and the second cellular phone is then informed to switch to a wireless system for getting in contact with the first cellular phone thereby, wherein the first cellular phone has an identification function of the base station serving for identifying when the second user registers the wireless system, the identification function comprising inputting a password by the second user and/or identifying a subscriber identity module of the second cellular phone. the cellular phone informed when the cellular registers an entry notice function of the digital cellular phone system and a second user belonged to the group registers the digital cellular phone system and keeps contact with the base station.

Claim 26-29 (canceled)

Claim 30 (currently amended) The first cellular phone of claim 25, wherein the first cellular phone is informed by a short message service (SMS).

Claim 31 (currently amended) The first cellular phone of claim 25, wherein the digital cellular phone system informs the first [[user]] cellular phone location information of the second [[user]] cellular phone.

Claim 32 (currently amended) The first cellular phone of claim 31, wherein when the first cellular phone is informed about the registration and location information of the second [[user]] cellular phone, the second [[user]] cellular phone is then informed switching to switch to a

Application No.: 10/721,154

Docket No.: JVLA10379

wireless system, [[and]] the wireless system and the location information of the second [[user]] cellular phone [[serve]] serving a contact ~~with the another~~ between the first cellular phone and the second [[user]] cellular phone.

Claims 33-35 (canceled)

Claim 36 (currently amended) A first cellular phone comprised of a digital cellular phone system and adapted to register a for registering an entry notice function [[of a]] to the digital cellular phone system, the digital cellular phone system having further comprising a first base station, [[and]] a second base station, and a second cellular phone, the first cellular phone and the second cellular phone belonging to a certain group, wherein when the second cellular phone registering registers the digital cellular phone system and keeping keeps contact with the second base station, a first user the first base station informs the first cellular phone that has registered the entry notice function to [[of]] the cellular phone system belonged to a group, and the second cellular phone is then informed to switch to a wireless system for getting in contact with the first cellular phone thereby, wherein the first cellular phone has an identification function of the base station serving for identifying when the second user registers the wireless system, the identification function comprising inputting a password by the second user and/or identifying a subscriber identity module of the second cellular phone. the cellular phone informed when the cellular registers an entry notice function of the digital cellular phone system and a second user belonged to the group registers the digital cellular phone system and keeps contact with the base station.

Application No.: 10/721,154

Docket No.: JVLA10379

Claims 37-40 (canceled)

Claim 41 (currently amended) The first cellular phone of claim 36, wherein the first cellular phone is informed by a short message service (SMS).

Claim 42 (currently amended) The cellular phone of claim 36, wherein the digital cellular phone system informs the first [[user]] cellular phone location information of the second [[user]] cellular phone.

Claim 43 (currently amended) The first cellular phone of claim 42, wherein when the first cellular phone is informed about the registration and location information of the second [[user]] cellular phone, the second [[user]] cellular phone is then informed switching to switch to a wireless system, [[and]] the wireless system and the location information of the second [[user]] cellular phone [[serve]] serving a contact with the another between the first cellular phone and the second [[user]] cellular phone.

Claims 44-46 (canceled)